

19970727.qrp v00\_n800.qrs.970727

>From ???@??? Sun Jul 27 19:43:29 1997  
Date: Sun, 27 Jul 1997 19:03:05 EDT  
Subject: QRP-L digest 800  
Message-Id: <97Jul27.190359edt.35630-28528+132@fidoii.cc.Lehigh.EDU>

QRP-L Digest 800

Topics covered in this issue include:

- 1) [23771] Packet Terminal  
by Elliott Lawrence <edl@pacbell.net>
- 2) [23772] Bumblebees  
by Richard Wilkerson <richqrp@cts.com>
- 3) [23773] RE: Farnsworth - a problem?  
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 4) [23774] ZM-1  
by Norm Melick <henmel@worldnet.att.net>
- 5) [23775] re:Stuff for sale!  
by x5m7v7wl@coastalnet.com
- 6) [23776] Warren Gregoire & Associates  
by Joel Malman <malman@BBN.COM>
- 7) [23777] re:Stuff for sale!  
by x5m7v7wl@coastalnet.com
- 8) [23778] Schematics needed  
by launerb@crl.com (William H. Launer)
- 9) [23779] Potential Disaster  
by "Dennis B. Dolle" <dolledb@cet.com>
- 10) [23780] qsl-info@datasync.com (QSL Info Server): QSL Information  
by k8cv@juno.com (Walter D Amos)
- 11) [23781] Re: Parts for the 38 Special Enclosure.  
by Ted Kell <tedkell@orbitworld.net>
- 12) [23782] Question  
by kb0rol@juno.com (Bradley L Mugleston)
- 13) [23783] Resonant Speakers for CW  
by kb0rol@juno.com (Bradley L Mugleston)
- 14) [23784] Can anyone explain this?  
by Jeff Grudin <grudin@pacific.vdbs.com>
- 15) [23785] Re: Can anyone explain this?  
by "Owen 'OJ' Quarles" <k1oj@swbell.net>
- 16) [23786] ZM-1 !  
by ROYGREGSON@aol.com
- 17) [23787] AOL !  
by ROYGREGSON@aol.com
- 18) [23788] CW  
by aa8yo@tir.com (aa8yo)
- 19) [23789] Schematics from Sams Photofacts

by n4so@juno.com (charles k brown)

20) [23790] ZL on 30m  
by AE0Q V31RY <v31ry@ix.netcom.com>

21) [23791] 10 Meter AM - Bust  
by Bill Todd <bill@techline.com>

22) [23792] Re: Question  
by Bill Todd <bill@techline.com>

23) [23793] Re: Schematics needed  
by Alan Kaul <kaul@netcom.com>

24) [23794] Re: qsl-info@datasync.com (QSL Info Server): QSL Information  
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>

25) [23795] QSL Bureau return times  
by AE0Q V31RY <v31ry@ix.netcom.com>

26) [23796] Re: Can Anyone Explain This?  
by "Dennis B. Dolle" <dolledb@cet.com>

27) [23797] FS: MXM 40M xcvr  
by N3BJ@aol.com

28) [23798] FS: OHR DD-1  
by N3BJ@aol.com

29) [23799] SLV PHASED VERTICALS??  
by ARDUJENSKI@aol.com

30) [23800] Bumble Bee #46  
by K4NK@aol.com

31) [23801] Alcatraz Qrp station  
by Richard Wilkerson <richqrp@cts.com>

32) [23802] Re: ZL on 30m  
by w4bws@juno.com (Donald E Sanders)

33) [23803] Re: Can anyone explain this?  
by w4bws@juno.com (Donald E Sanders)

34) [23804] All HF Band No Tuner Dipole  
by Cecil A Moore <Cecil\_A\_Moore@ccm.ch.intel.com>

35) [23805] Re: Schematics needed  
by w4bws@juno.com (Donald E Sanders)

36) [23806] Trade: Palomar Noise Bridge for QRP gear  
by Michael Parkes <mparkes@worldnet.att.net>

37) [23807] Re: Schematics needed  
by Alan Kaul <kaul@netcom.com>

38) [23808] side trip...  
by "Phil, K6LS" <k6ls@qsl.net>

39) [23809] Howard W. Sams web site  
by launerb@crl.com (William H. Launer)

40) [23810] Bumblebees!  
by Paul Maciel <pmaciel@inow.com>

41) [23811] Re: Pixie, Thoreau, QRO  
by Raventhorne <jelder@ix.netcom.com>

42) [23812] Quick and easy front panels  
by Neil Heckt <neil@aade.com>

43) [23813] FW: Whiterook paddles

by Brad@axionet.com, Laurel and Vaughn Britton <britton@axionet.com>  
44) [23814] MFJ qrp rigs  
by aa8yo@tir.com (aa8yo)  
45) [23815] Re: Can anyone explain this - New findings  
by Jeff Grudin <grudin@pacific.vdbs.com>  
46) [23816] PALOMAR TX 50 Broadband 3-30 MHZ Amplifier  
by "William H. Perkins" <hperkins@earthlink.net>  
47) [23817] More from SM0VPO  
by "Frank, G3YCC." <g3ycc@gqrpclub.demon.co.uk>

-----  
Date: Sat, 26 Jul 1997 16:10:17 -0700  
From: Elliott Lawrence <edl@pacbell.net>  
To: qrp-l@Lehigh.EDU  
Subject: [23771] Packet Terminal  
Message-ID: <33DA83D9.243F@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

While this is not strictly a QRP subject I value the wide range of experience present on this forum and would appreciate any direct response to the following subject.

Several of my friends and I have been using a "dumb terminal" unit for packet that was manufactured a long while back know as a RCA APT. The beauty of this unit is that is very RF (HF noise) quiet and functional simple to interface with the TNC. Unfortunately the ravages of time are beginning to take their toll and failures are starting to occur. So far we have not been able to locate suitable replacements.

1) Does anyone on the list have any information on where we might obtain working replacement units or information on spare parts/trouble shooting help?

2) Does anyone on the list have working units that could be purchased? We can help you make room for more QRP stuff by taking these units of your hands!

Thanks for any assistance provided. Again, please respond to me directly so the rest of the folks won't have to press their delete button.

vy 72/73  
Elliott WA6TLA

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Date: Sat, 26 Jul 1997 16:31:11 -0700  
From: Richard Wilkerson <richqrp@cts.com>  
To: qrp-l@Lehigh.EDU  
Subject: [23772] Bumblebees  
Message-ID: <33DA88BF.3F34@cts.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just one little silly question, Will the Bumblebees be calling CQ /BB  
or do we (base stations) call them ????

--

72's / 73's..... Rich  
Rich Wilkerson, WD6FDD, Santee, Ca.  
NorCal, ARCI, ScQRPions, E.C.R.A.  
Boatanchors, ARCEC.

-----  
Date: Sat, 26 Jul 1997 19:09:24 -0500  
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>  
To: qrp-l@Lehigh.EDU  
Cc: hcharles@compuserve.com  
Subject: [23773] RE: Farnsworth - a problem?  
Message-ID: <2.2.32.199707270000924.006883e8@molsun.ophth.uiowa.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hayden,

my \$0.02 (or less, certainly no expert!). I practiced with Farnsworth to  
get over my bad habits that were really hurting me. Using the MFJ code  
tutor, i also practiced with different word speeds, character speeds,  
including no farnsworth (word = character speed). during the practicing, i  
would notice that i had some trouble with no farnsworth, it seemed like the  
characters were running together. but i wasn't sure how i was going to be  
tested, and figured listening to different ratios would be closer to  
real-life than assuming everybody is going to send the same. too bad the  
mfj can not simulate some variation in spacing ;-) . besides, changing  
spacing also kept me from getting too board with random groups.

73,

--adam, n2brt  
adam-kanis@uiowa.edu

-----  
Date: Sat, 26 Jul 1997 17:36:13 -0700  
From: Norm Melick <henmel@worldnet.att.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [23774] ZM-1  
Message-ID: <33DA97FD.511C@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I wanted to take this opportunity to thank everyone who responded to my inquiry regarding the ZM-1. I answered 2 responses, then I got a flood of responses. (30+ and still coming in!)

I try to respond to all of my posts, but with the push of mail, and job constraints, this time I just can't. Please allow me to use this post to say "Thank you very much" to all. I bought one, I'm looking forward to building it, using it, and taking it to the next NorCal meeting.

Norm

-----  
Date: Sat, 26 Jul 1997 21:18:14 -0400 (EDT)  
From: x5m7v7wl@coastalnet.com  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [23775] re:Stuff for sale!  
Message-ID: <1.5.4.16.19970722104931.14c7902c@abaco.coastalnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Stuff for sale here:

1) Drake R4C receiver with 160 and WARC xtals(no manual and no cover over the crystals in rear) \$160 shipping prepaid.

2) Sherwood 600 hz 1st I.F. xtal filter for Drake R4-C receiver. This is the cats meow for c.w. when used in conjunction with a 2nd I.F. xtal filter of 500 hz. or narrower. \$55 shipping prepaid. (no switch kit but why would you want it when there was leakage around it) (real men convert their gear for c.w. only-Ha!)

3) Autek QF-1A Audio filter-----\$35 shipping prepaid.

73 Roy Lincoln WA4DOU QRP ARCI#2330

-----  
Date: Sat, 26 Jul 97 21:25:56 EDT  
From: Joel Malman <malman@BBN.COM>  
To: qrp-1@Lehigh.EDU  
Cc: malman@BBN.COM  
Subject: [23776] Warren Gregoire & Associates  
Message-ID: <199707270126.VAA63751@nss2.CC.Lehigh.EDU>

Folks,

Just a note to let you all know that Warren K6QX, at Warren Gregoire and Associates is one heck of a nice OM !!

I purchased earphones from his company about 2 months ago. (See just about any recent CQ or QST issue for his ad). They worked fine until last Thursday when they went dead. So I sent off an E-Mail to Warren. He E-Mail'ed me back within the hour: "Send the earphones back and I will take care of it."

I sent the earphones back on Friday (7/18). Today, Saturday (7/26) I received the fixed earphones back via USPS Priority mail. Turn around time, about a week. Wow! What service! Thanks Very much Warren!

I have no connection with Warren Gregoire and Associates .. just a customer.

/joel walqvm (malman@bbn.com ... Concord, Ma.)  
WIMPS: Qs=222 30m=204 17m=17 12m=01 States=26/04/00 DX=056/12/01

-----  
Date: Sat, 26 Jul 1997 21:57:40 -0400 (EDT)  
From: x5m7v7wl@coastalnet.com  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [23777] re:Stuff for sale!  
Message-ID: <1.5.4.16.19970722112836.14c79122@abaco.coastalnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 09:18 PM 7/26/97 -0400, x5m7v7wl@coastalnet.com wrote:

>Hi Gang,

> Stuff for sale here:

>

> 1)Drake R4C receiver with 160 and WARC xtals(no manual and no cover over  
>the crystals in rear) \$160 shipping prepaid.

> 2)Sherwood 600 hz 1st I.F.xtal filter for Drake R4-C receiver. This is the

>cats meow for c.w.when used in conjunction with a 2nd I.F. xtal filter of  
>500 hz. or narrower. \$55 shipping prepaid.(no switch kit but why would you  
>want it when there was leakage around it)(real men convert their gear for  
>c.w. only-Ha!)

> 3)Autek QF-1A Audio filter-----\$35 shipping prepaid.  
>  
> 73 Roy Lincoln WA4DOU QRP ARCI#2330  
>  
>P.S. OOPS! Forgot the Ten Tec Century 21(80-10m. -no warc bands)with manual  
\$200 o.b.o.(shipping prepaid)  
this is a 25 watt full QSK rig with ability to reduce power out to  
qrp! the rx. is direct conversion.  
>  
>

-----

Date: Sat, 26 Jul 1997 21:25:19 -0500  
From: launerb@crl.com (William H. Launer)  
To: qrp-1@Lehigh.EDU  
Subject: [23778] Schematics needed  
Message-ID: <v01530500b0005e264eaf@[192.0.2.1]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

qrp-1 gang,

Last sunday I purchased 2 synthesized cb radios(minus microphones) for \$3  
each at a hamfest; a Pace 8047 40-channel unit, and a Midland 13-870C  
23-channel unit. The Pace is in excellent condition and is a prime  
candidate for conversion to 29.0 MHz, while the Midland (although it works)  
is probably a "parts" radio.

Does anyone have schematics for either of these two radios?

72/73, Bill wb0cld

Bill Launer  
St. Charles, MO  
launerb@crl.com  
wb0cld@wb0cld.ampr.org [44.46.66.25]  
qrp-1 #279 qrp arci #3551  
Grid Square EM48RT

-----  
Date: Sat, 26 Jul 1997 19:40:32 -0700  
From: "Dennis B. Dolle" <dolledb@cet.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [23779] Potential Disaster  
Message-ID: <199707270243.TAA15985@cet.cet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Fellow Masochists,

Let me tell you about a recent adventure. A few weeks ago, I took my Scout, a 40 meter dipole antenna, a gell cell battery and some accessories to Clear Lake, Washington to combine some operating with fun in the sun. I had a great time and even made a few contacts. At dusk, I packed the Scout, the battery, the wire and accessories in a box for the trip home (anybody figured out where this is going?).

About two weeks later, I decided to operate at the house and began unpacking the radio gear. I became frustrated when I couldn't remove the antenna from the box and figured that it had become lodged under one of the battery terminals. Wrong! The antenna was melted to the antenna terminals, burned through in several places, fused to the melted top of the battery, and the battery tabs were virtually melted off. My 7ah gell cell was ruined.

Though I had been careful to cover the battery with my log book when I packed the box, things apparently shifted during movement and the antenna contacted the battery tabs. What really scares the bejeezus out of me is that I don't know when contact occurred. My carelessness could have burned down my house, destroyed my car, or caused an accident. I know that even a small battery packs a lot of smash and can cause damage or injury. Just thought you'd like to know.

By the way, I'll be in the market for a new gel cell at the Spokane hamfest next week, so if you're there with batteries on your flea market table, you can meet this sucker in person!

Dennis, NX5W

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Date: Sun, 27 Jul 1997 02:15:43 GMT  
From: k8cv@juno.com (Walter D Amos)  
To: qrp-1@Lehigh.EDU  
Subject: [23780] qsl-info@datasync.com (QSL Info Server): QSL Information  
Message-ID: <19970727.025523.9942.2.k8cv@juno.com>

seems this one is only for dx call look up..... Walt

----- Begin forwarded message -----  
From: qsl-info@datasync.com (QSL Info Server)  
To: k8cv@juno.com  
Subject: QSL Information  
Date: Sat, 26 Jul 1997 08:51:17 -0500  
Message-ID: <199707261351.IAA27149@osh5.datasync.com>

W8QX not found in database

-----  
QSL Info Server Instructions  
Send e-mail to qsl-info@datasync.com with DX callsigns in  
the message body. Include only callsigns for best performance.  
  
Additions and corrections should go to the database maintainer:  
Lothar, DL1SBF packet radio address: DL1SBF @ DB0SDX.#BW.DEU.EU  
email: k9pes\_ms@siiks.a1.bosch.de

Other comments, etc. to Ray, WQ5L rocker@datasync.com

For W/VE callbook addresses visit <http://www.qrz.com/cgi-bin/webcall>  
-----

----- End forwarded message -----

-----  
Date: Sat, 26 Jul 1997 22:35:43 -0500  
From: Ted Kell <tedkell@orbitworld.net>  
To: doug hauff <slmachco@fix.net>, qrp-1@Lehigh.EDU  
Subject: [23781] Re: Parts for the 38 Special Enclosure.  
Message-ID: <33DAC20F.60A142C@orbitworld.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks for the info Doug. Now I have to get them.

Ted

doug hauff wrote:

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> At 11:17 PM 7/24/97 -0500, you wrote:
> >I bought one of Doug Hauff's 38 Spl enclosures. It is a really nice
> >part. However, I am having a bit of a problem with some of his
> >suggested parts for the switches and jacks. He equotes the TiCK
> switch
> >as a RS 275-1574. There is no such. There _is_ a 275-1547 mini
> >pushbutton switch which I assume is the correct one. He also
> specifies
> >a RS 274-276 part for the key jack. That one I can't find, either in
>
> >the catalog, or in RS's database. Has anyone figured out what is
> needed
> >here?
> >
> >Thanks
> >
> >Ted
> >
> >Ted,
>
> Oops! One part number changed, one I just plain screwed up. Correct
> numbers
> are:           KEY JACK      RS  274-246
>                TiCK SW       RS  275-1548
>
> Sorry for the trouble! If I can figure out how, I will post this.
> (I'm
> pretty new at this email & web stuff).
>
> 73    Doug    KE6RIE
>
>
>
>
> >
> >
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Date: Sat, 26 Jul 1997 23:37:21 EDT  
From: kb0rol@juno.com (Bradley L Mugleston)  
To: qrp-l@Lehigh.EDU  
Subject: [23782] Question  
Message-ID: <19970726.201627.16247.1.kb0rol@juno.com>

Gang,

I just sitting here waiting for my daughter to get off the phone so I can send my EMail and play radio and I just had something happen that happens all the time but I've never remember to ask it when I had some ones ears who may know.

I was listening to a QSO for awhile and there was another one almost on top of it so I tried to tune it in better, I went too far and lost it so I tuned back and it was gone. I don't thing it was the band, its happened too many times to be a change in the band conditions. Is there any reason why, I know this sounds stupid but, is it possible that for some reason because I was on the correct frequency I could continue to hear the signal even though conditions changed and after I tuned away from where I was I wasn't able to go back? Kind of like watching an airplane, as long as you keep your eyes on it you can still see it but if you look away you can't find it again.

Thanks

Brad

-----

Date: Sat, 26 Jul 1997 23:37:21 EDT  
From: kb0rol@juno.com (Bradley L Mugleston)  
To: we6w@qsl.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [23783] Resonant Speakers for CW  
Message-ID: <19970726.201627.16247.0.kb0rol@juno.com>

Ed,

I've been reading you thread on the QRP-L digests and would like to take it one step further. Would you know how much length a 90 degree elbow would add to the total length of a PVC pipe. That way I could direct the sound towards me instead of straight up.

Thanks

de KB0ROL, Brad

-----  
Date: Sat, 26 Jul 1997 20:42:54 -0700  
From: Jeff Grudin <grudin@pacific.vdbs.com>  
To: qrp-1@Lehigh.EDU  
Cc: grudin@pacific.vdbs.com  
Subject: [23784] Can anyone explain this?  
Message-ID: <33DAC3BE.D6F@vdbs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ok here is a puzzle for you guys and gals.

I built a 38S and made a new 30M dipole. I cut the dipole to (near) resonance using an Autek RF analyst. The antenna is about 20 ft up reads 1.3:1 on the autetek. I also have a WM-2 Wattmeter that seems to work fine. I have tried the following combinations.

DL=50 ohm resistive dummy load  
MFJ = MFJ tuner/SWR Bridge  
NC40 = NorCal 40A  
FT890 = Yaesu FT890

Antenna - FT890 SWR 1.2:1  
Antenna - Autek SWR 1.3:1  
Antenna - WM2 - Autek SWR 1.3:1  
DL - WM2 - Autek SWR 1.0:1  
NC40 - WM2 - DL 2.3W F, .1W Rev  
NC40 - DL Approx 2.3W as calculated on my O-scope

These test seem to confirm that the Antenna is resonant, the WM2 works normally, and the Autek is functioning.

Now the puzzle:

38S - DL Approx 3.8W with 12V on O-scope  
38S - WM2 - DL 3.5W Forward, .5W Reverse  
Seems OK so far  
38S - WM2 - Antenna >10W Forward, 3W Reverse  
38S - MFJ - antenna SWR >5:1  
Huh?????

I have been trying to figure this out all day. I have tried various combinations of coax and connectors etc all with the same result. At first I was thinking the output filter for the 38S was not matching for

50 ohm, but it seems to work into a 50ohm resistive load. The antenna seems to be close to resonant on a commercial rig and the auttek. But the antenna doesn't seem to work with the 38S.

— —

73 de Jeff AC6KW  
grudin@vdbbs.com

QRP-L #16 Private Practice : Companion Animals and  
Exotics  
Norcal QRP #1292 Ocean Animal Clinic / Cat Clinic of Santa  
Cruz  
Santa Cruz,  
California

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Sat, 26 Jul 1997 23:18:31 -0500  
From: "Owen 'OJ' Quarles" <k1oj@swbell.net>  
To: grudin@pacific.vdbs.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [23785] Re: Can anyone explain this?  
Message-ID: <33DACC17.5B09@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

```
> 38S - WM2 - Antenna      >10W Forward, 3W Reverse  
> 38S - MFJ - antenna     SWR >5:1  
>  
>                                     Huh?????
```

Howdy from Texas!

Let me take a wild guess at the cause of your problem. I think the 38s has a parasitic or harmonic output. The dummy load wouldn't care what frequency the x-mitter was working at and would show no reflected power to your swr meter. The antenna does care what frequency is introduced and there for will reflect anything that was not near its resonance. The reflected power is more than likely not at the fundamental frequency of the transmitter. At least thats my surmise. A spectrum analyzer would answer the question in short order.

g1 and let me know what happens.

CU - - - 0J - - - K10J

HOUSTON, TEXAS.

..

-----  
Date: Sun, 27 Jul 1997 01:29:45 -0400 (EDT)  
From: ROYGREGSON@aol.com  
To: paulc@mediaone.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [23786] ZM-1 !  
Message-ID: <970727012944\_-290398141@emout08.mail.aol.com>

Hi Paul, yes there is an EMTECH web page at>>>>>  
>>>> <http://www.isomedia.com/homes/starbuck/emtech.htm> <<<<<

Thanks for your interest ! Roy

-----  
Date: Sun, 27 Jul 1997 01:29:59 -0400 (EDT)  
From: ROYGREGSON@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [23787] AOL !  
Message-ID: <970727012958\_682913861@emout12.mail.aol.com>

Hi Gang...want to thank all of those who responded with "FIXES" to my AOL problem. It's nice to know that maybe it's not me again punching a wrong key again !  
I had the same msg about the account not being available again, so tried to read mail without using the flashmail download, and it worked ok ! All messages from the 23rd to the 26th (early) were there. So maybe it'll work ok tonight.  
Also, noted that I could not find an AOL phone number to call for some real person to real person conversation. Hmmmm.....guess that tells a lot !

Thanks to all.....Roy

-----  
Date: Sun, 27 Jul 1997 01:44:46 -0400 (EDT)  
From: aa8yo@tir.com (aa8yo)  
To: qrp-1@Lehigh.EDU  
Subject: [23788] CW

Message-ID: <199707270544.BAA11472@tir.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello Gang,

I noticed some discussion about code recently, and wanted to throw my fraction of a cent in also...

I used Code Quick to learn the characters phoenitically ( if it's a typo, so be it. I'm VERY tired! )

I went from not knowing the difference between a dit and a dah to 20+wpm in a little over 11 weeks.

For whatever it's worth, es 73,

Bob / aa8yo@tir.com  
FISTS #3056 QRP-L #1174

-----  
Date: Sun, 27 Jul 1997 01:59:34 EDT  
From: n4so@juno.com (charles k brown)  
To: qrp-l@Lehigh.EDU  
Subject: [23789] Schematics from Sams Photofacts  
Message-ID: <19970726.125846.4383.5.n4so@juno.com>

Service data is available for all types of electronic gear.

Howard W. Sams and Co.  
2647 Waterfront Parkway, East Drive  
Indianapolis, IN 46214-2041

800- 428-7267

from Electronic Servicing and Technology

Ken Brown, N4SO  
QTH nr Mobile, AL/ EM50tk  
qrp-l #622  
n4so@juno.com

-----

Date: Sun, 27 Jul 1997 00:23:55 -0600  
From: AE0Q V31RY <v31ry@ix.netcom.com>  
To: qrp-l@Lehigh.EDU  
Subject: [23790] ZL on 30m  
Message-ID: <2.2.16.19970727062355.0a4f592c@popd.ix.netcom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Just worked ZL1MH on 10.110 MHz (at 0618Z) Sunday AM. Darn attic dipole  
sure is a horrible QRP antenna :-). My rig is an Argo-556 at 5w out.

He's obviously got a GOOD receiver, but still.. I wish I had that  
longwire at 15 feet outside!

73 -- Glenn

-----  
"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK  
v31ry@ix.netcom.com --SOWP 5558-M, ARRL LM, QCWA LM, NCVA--  
<http://www.qsl.net/ae0q>

-----  
Date: Sat, 26 Jul 1997 23:43:27 -0700  
From: Bill Todd <bill@techline.com>  
To: qrp-l@Lehigh.EDU  
Subject: [23791] 10 Meter AM - Bust  
Message-ID: <1.5.4.32.19970727064327.006d7ce8@mail.techline.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello Group -

I tried calling CQ on the hour from 1 PM til 5 PM here from Bay Ceenter, but  
did not hear a thing. I did hear some SSB activity around 28.4, but that  
was all.

I guess my dreams of working other QRPers on 10 meter AM will have to wait  
just a little longer until the propagation improves. Thanks to any  
operators who tried to make contact with me.

PS Did anyone hear me on 29.020?

CUL, Bill-N7MFB  
<http://www.techline.com/~bill>



-----  
Date: Sat, 26 Jul 1997 23:52:13 -0700  
From: Bill Todd <bill@techline.com>  
To: kb0rol@juno.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [23792] Re: Question  
Message-ID: <1.5.4.32.19970727065213.006d6e84@mail.techline.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>I was listening to a QSO for awhile and there was another one almost on  
>top of it so I tried to tune it in better, I went too far and lost it so  
>I tuned back and it was gone. I don't think it was the band, its  
>happened too many times to be a change in the band conditions.

Hi Brad - I have experienced the same thing, and I have wondered about it  
too. Probably one of two things happened:

1. The station you were listening to was fairly weak in the first place,  
and the band did fade...and the station just (finally) dropped out.

or

2. Your ears sent a signal to the old "noggin", and you became used to  
hearing the station, including the pitch, the fist of the operator, and so on.  
When you tuned off, you lost all of that mental "focus" if you will. When  
you tried to regain it....you could not.

Now, maybe I am really "out there" on this theory, but I know that our CW  
"ear" is the best instrument ever devised {even beats DSP!} for hearing CW.

Any other theories out there?

CUL, Bill-N7MFB  
<http://www.techline.com/~bill>

-----  
Date: Sun, 27 Jul 1997 00:48:22 -0700 (PDT)  
From: Alan Kaul <kaul@netcom.com>  
To: "William H. Launer" <launerb@crl.com>  
Cc: qrp-1@Lehigh.EDU  
Subject: [23793] Re: Schematics needed  
Message-ID: <Pine.3.89.9707270002.A26311-0100000@netcom17>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

William--try your local library, in their reference collection they might have 'SAM's' which is a repair manual with schematics, troubleshooting guide, etc. And while you can't check 'em out, most libraries will allow you to photocopy, etc.

I used to know this stuff---but that was 20+ years ago, let's see how much I can remember:

The 23-channel rig probably has a multiplex scheme with 4-xtals in the 10-11mHz range and 6 in the 14-15mHz range...which when mixed together used to tune 25-27mHz CB. To put it on 10AM, read the xtal freqs in the rig and then select the frequencies you want to be on (for 10M) and subtract the freq of the 10-11mHz rocks which will give you the ballpark range for the 16-18mHz rocks that you'll need to put the rig on 10.

Change the higher 6xtals (if it uses 6) and retune the RCVR front end, the Xmt driver and the Xmt final (many CB rigs of the 23-channel variety use slug tuned coils). If the slugs won't go high enough, adding powdered brass to the slug will raise the freq (powdered iron make more uH, powdered brass makes less uH). Peak the transmit stages using a simple RF indicator (you're interested in peaking--not necessarily knowing exactly how much power you're getting from each stage). Seal the slugs with candle wax when your on freq.

I've used the technique to put 3 CB radios on 10----one made by Penney's, one by Lafayette and a third by 'Publicom.' When I did it the AM guys were between 28.5 and 28.8 -- but now they seem to be above 29.

In fact, I'd bet there's a conversion in 73 Magazine (might also be available at the library). Check the December issues from 1975-thru-about-1980 for each yearly index and see what issue where the Midland conversion might be. I wrote the first 73 CB to 10 Conversion article back about 75 or 76, and there were at least 20 others in the years that followed.

The 40 channel rig is a little bit tougher because you have to deal with PLL circuitry, but someone posted to qrp-l a website a week or two ago which had conversion info for the PLL rigs.

Good luck, best 73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

-----  
Date: Sun, 27 Jul 1997 08:42:20 -0400  
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>  
To: k8cv@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [23794] Re: qsl-info@datasync.com (QSL Info Server): QSL Information  
Message-ID: <33DB422C.566E@postoffice.worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

>>>seems this one is only for dx call look up..... Walt

try lookup@qrz.com

this W/VE lookup server. Type the message

lookup ki8cz or whatever call your looking for.

--

\*\*\*\*\*  
\*\*\*\*\*  
73 de  
KI8CZ  
Tom Isgro  
OHIO

10-X #68364	SCI #1479	QRP-L #945	ARS #203
C.A.T.T #2115	FIST 2360	NORCAL	ARRL

\*\*\*\*\*  
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-----  
Date: Sun, 27 Jul 1997 07:33:16 -0600  
From: AE0Q V31RY <v31ry@ix.netcom.com>  
To: qrp-1@Lehigh.EDU  
Subject: [23795] QSL Bureau return times  
Message-ID: <2.2.16.19970727133316.0b37fddc@popd.ix.netcom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

A few days ago a question was asked about how long swapping QSL cards takes via the QSL Bureaus..

Well, I just this weekend got an envelope from the incoming QSL Bureau with 35 cards.

From: 5 Japan  
8 S. America and Carribean countries  
22 European countries

All but 5 were in response to a big batch that I mailed to the ARRL Outgoing Bureau 14 months ago. The others were in reply to another batch that I sent out 20 months ago.

The one that surprised me was from Croatia (9A8A). When I read about events in the news in that part of the world, I always hope that the hams I've worked over the years are safe!

The QSL Bureaus DO work, and not too badly, either..

73 -- Glenn

-----  
"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK  
v31ry@ix.netcom.com --SOWP 5558-M, ARRL LM, QCWA LM, NCVA--  
<http://www.qsl.net/ae0q>

-----  
Date: Sun, 27 Jul 1997 07:04:59 -0700  
From: "Dennis B. Dolle" <dolledb@cet.com>  
To: <qrp-1@Lehigh.EDU>  
Cc: <qrp-1@Lehigh.EDU>

Subject: [23796] Re: Can Anyone Explain This?  
Message-ID: <199707271407.HAA30228@cet.cet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Jeff and gang,

I agree with OJ. I had my 38 spl working perfectly (I thought) into a 50 ohm non-inductive load. I tuned my SLV to 1:1 SWR with a transmatch and another transceiver and hooked up the ol' 38 spl for the first contact. Immediately heard a loud pop and smelled smoke. The IRF 510 had exploded and blown a small crater out of the IRF 510 plastic case. I replaced the IRF 510 and again had good function into the dummy load. Since I don't own an oscilloscope, I'm stuck until I can get access to one and insure the transmitted signal is clean, but I'll bet that I will find a dirty signal though my 38 spl sounds fine on another receiver.

Dennis, NX5W

-----  
Date: Sun, 27 Jul 1997 10:27:27 -0400 (EDT)  
From: N3BJ@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [23797] FS: MXM 40M xcvr  
Message-ID: <970727102727\_-1274660247@emout15.mail.aol.com>

For sale: MXM 40M xcvr, works, needs alignment. About the only dual conversion kit around. In case, with manual.

\$80 shipped

Alan, N3BJ

-----  
Date: Sun, 27 Jul 1997 10:31:40 -0400 (EDT)  
From: N3BJ@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [23798] FS: OHR DD-1  
Message-ID: <970727103139\_1962306667@emout08.mail.aol.com>

For Sale: Oak Hills Research DD-1 digital readout, great condition, works fine, with manual.

Paid 79.95 in kit

\$70 shipped

Alan, N3BJ

-----  
Date: Sun, 27 Jul 1997 10:32:51 -0400 (EDT)  
From: ARDUJENSKI@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [23799] SLV PHASED VERTICALS??  
Message-ID: <970727103250\_129061544@emout05.mail.aol.com>

QUESTION: With all you folks out there that have used the ST. LOUIS VERTICAL (SLV) have any used is set up as a phased vertical and have you noticed any significant advantage to this arrangement? (I am referring to a field operation). Is it difficult to tune as a phased vertical?

Alan KB7MBI

-----  
Date: Sun, 27 Jul 1997 10:53:41 -0400 (EDT)  
From: K4NK@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [23800] Bumble Bee #46  
Message-ID: <970727105337\_1347963786@emout18.mail.aol.com>

Bzzzzz-Bzzzzz.....Bumble Bee #46 heading for Paris Mtn. , S.C.  
look for me on 40, 20, 15 mtrs.

72 Les K4NK/BB

-----  
Date: Sun, 27 Jul 1997 09:08:19 -0700  
From: Richard Wilkerson <richqrp@cts.com>  
To: qrp-1@Lehigh.EDU  
Subject: [23801] Alcatraz Qrp station  
Message-ID: <33DB7273.10D9@cts.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Time; 1607Z.....Freq; 7040.19kc

--

72's / 73's..... Rich  
Rich Wilkerson, WD6FDD, Santee, Ca.  
NorCal, ARCI, ScQRPions, E.C.R.A.  
Boatanchors, ARCEC.

-----  
Date: Sun, 27 Jul 1997 12:17:27 EDT  
From: w4bws@juno.com (Donald E Sanders)  
To: v31ry@ix.netcom.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [23802] Re: ZL on 30m  
Message-ID: <19970727.122717.4879.1.W4BWS@juno.com>

Glenn,  
Next time you are at a hamfest look for someone selling wire and pickup a roll of wire wrap wire, about 28 or 30 gauge and kevlar insulation. It can be strung up and is almost invisible.  
DON W4BWS@juno.com

-----  
Date: Sun, 27 Jul 1997 12:17:27 EDT  
From: w4bws@juno.com (Donald E Sanders)  
To: grudin@pacific.vdbs.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [23803] Re: Can anyone explain this?  
Message-ID: <19970727.122717.4879.0.W4BWS@juno.com>

Jeff,  
A resonant antenna is not necessarily 50 ohms. You have to resonate the antenna and then match the antenna to 50 ohm feed. That is one reason (there are many more) why tuning the antenna for lowest SWR doesn't mean it is resonant.  
Back to the drawing board, or dig out your antenna handbook and look at matching methods. It helps if you have an antenna impedance bridge also.  
DON W4BWS@juno.com

-----  
Date: Sun, 27 Jul 97 10:36:00 PDT  
From: Cecil A Moore <Cecil\_A\_Moore@ccm.ch.intel.com>  
To: qrp-1@Lehigh.EDU  
Subject: [23804] All HF Band No Tuner Dipole

We had a great time at Ft. Tuthill. The ScQRPions are a great bunch of guys and gals and I even bought a 38 special. Thanks to all who made this weekend the most enjoyable Ft. Tuthill hamfest ever.

As promised, I have begun posting details of a method of matching all band HF center-fed dipoles without an antenna tuner. The only thing between the ladder-line and the coax to the transmitter is a 1:1 choke.

For those of you who think varying the length of the ladder-line is a difficult thing to do, ask the attendees at my presentation about it. There are numerous methods, both manual and automatic, that can be employed. I plan to program an 80c51 to do the job automatically.

Hams running an 80m dipole fed with 450 ohm ladder-line already have the antenna system up. All they need is a way to vary the length of the ladder-line from about 90 ft to about 121 ft. My web page tells how to do it with switches, relays, or banana plugs/sockets.

I have started off with a minimum description and will post more details as time permits. QRPers should really like a near-lossless antenna system.

<http://people.delphi.com/CecilMoore/mystery.htm>

73, Cecil, W6RCA, 00TC

-----  
Date: Sun, 27 Jul 1997 14:07:59 EDT  
From: w4bws@juno.com (Donald E Sanders)  
To: launerb@crl.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [23805] Re: Schematics needed  
Message-ID: <19970727.141805.4879.2.W4BWS@juno.com>

Bill, I have reprints of the 73 Mag series on CB conversions but don't have those exact units. I have Midland 13-866 23 ch, Pace 123A and the series Midland 13-830, 13-857B, 13-882C, 13-888B, 13-955. They all use the PLL-02A and three crystals. If these will help, I will copy and send to you.

DON W4BWS@juno.com

On Sat, 26 Jul 1997 21:25:19 -0500 launerb@crl.com (William H. Launer) writes:

>qrp-l gang,

>



>Last sunday I purchased 2 synthesized cb radios(minus microphones) for  
>\$3  
>each at a hamfest; a Pace 8047 40-channel unit, and a Midland 13-870C  
>23-channel unit. The Pace is in excellent condition and is a prime  
>candidate for conversion to 29.0 MHz  
>Does anyone have schematics for either of these two radios?  
>  
>72/73, Bill wb0cld  
>Bill Launer  
>St. Charles, MO  
>launerb@crl.com  
>wb0cld@wb0cld.ampr.org [44.46.66.25]  
>qrp-l #279           qrp arco #3551  
>Grid Square EM48RT  
>  
>  
>  
>

-----  
Date: Sun, 27 Jul 1997 11:48:55 -0800  
From: Michael Parkes <mparkes@worldnet.att.net>  
To: qrp-l@Lehigh.EDU  
Subject: [23806] Trade: Palomar Noise Bridge for QRP gear  
Message-ID: <33DBA51D.1ADD@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have a Perfect condition RX-100 Palomar Noise Bridge (1-100 mhz) and  
SmartBridge software for AT compatible (allows you to take readings at  
xmtr end of the coax, computes and plots antenna  
resistance/reactance/SWR across the band).  
Trade both for QRP gear (any offer considered) or sell both for \$55.

-Mike AB7RU / Newman Lake, WA

-----  
Date: Sun, 27 Jul 1997 12:02:49 -0700 (PDT)  
From: Alan Kaul <kaul@netcom.com>  
To: charles k brown <n4so@juno.com>  
Cc: qrp-l@Lehigh.EDU  
Subject: [23807] Re: Schematics needed  
Message-ID: <Pine.3.89.9707271248.A28640-01000000@netcom5.netcom.com>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I stand corrected---it had been soooooooo many years since I converted the 23-channel rigs I mistakenly thought it was 14Mhz range xtals that I changed. They were in the 36-37mHz range. THANKS, CHARLES, FOR THE CORRECTION. 73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

-----

Date: Sun, 27 Jul 1997 13:06:35 -0600  
From: "Phil, K6LS" <k6ls@qsl.net>  
To: qrp-l@Lehigh.EDU  
Subject: [23808] side trip...  
Message-ID: <33DB8E2B.5165@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

If I'm not mistaken, Paul, NA5N's place of employment is pictured today at the following web site: (27jul97)

<http://antwrp.gsfc.nasa.gov/apod/astropix.html>

(This is the Astronomy Picture of the Day site,...different every day)

not exactly QRP, but radio related! - check out some of those numbers!!

--

73 de Phil, K6LS/0  
QRP-L #612 - Norcal #824  
k6ls@qsl.net <or> k6ls@amsat.org  
DM79or, Arapahoe County, Colorado  
ITU zone 7, CQ zone 4  
<http://www.qsl.net/k6ls>

-----

Date: Sun, 27 Jul 1997 14:22:33 -0500  
From: launerb@crl.com (William H. Launer)  
To: qrp-l@Lehigh.EDU  
Subject: [23809] Howard W. Sams web site  
Message-ID: <v01530504b0014ec7d301@[192.0.2.1]>

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

qrp-l gang,

While looking for a schematic for my Pace 11 meter rig, I did a web search for Howard W. Sams, and found the following url:

<http://www.dataview.com/photofacts/>

They have a search function for their photofact sheets, and an 800 number.

No connection with the company, just thought others might be interested.

72/73 Bill wb0cld

Bill Launer  
St. Charles, MO  
launerb@crl.com  
wb0cld@wb0cld.ampr.org [44.46.66.25]  
qrp-l #279            qrp arc1 #3551  
Grid Square EM48RT

-----  
Date: Sun, 27 Jul 1997 14:19:58 -0700  
From: Paul Maciel <pmaciel@inow.com>  
To: qrp-l@Lehigh.EDU  
Subject: [23810] Bumblebees!  
Message-ID: <33DBBB7C.263B8E19@inow.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello All,  
My thanks to all who made it so much fun today. I managed to find seven of the bees buzzing around and a few others listening in. I even made a couple of contact on 15 meters!

Special thanks to:

Russ	AA7QU	40&20
Joe	AB7TT	20
Lori	AC6XK	40
Richard	KI6SN	40
Dave	N0IBT	20

Wayne        N6KR        20&15  
Jack        W5TFB        20

Power: 5 Watts    Antenna: Butternut HF6V

72,        ---Paul        AK1P

-----  
Date: Sun, 27 Jul 1997 16:22:14 -0500 (CDT)  
From: Raventhorne <jelder@ix.netcom.com>  
To: MNHopkins@aol.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [23811] Re: Pixie, Thoreau, QRO  
Message-ID: <2.2.16.19970727142202.209f5c70@popd.ix.netcom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 07:51 PM 7/7/1997 -0400, MNHopkins@aol.com wrote:

>    Could our next conceptual hurdle be Effective Radiated Power?  
>Do we really think 4.5 W to a 5-wavelength vee is QRP within the  
>docrinaire 5W out definition?

It =MUST= be if you backpacked into the wilderness to operate, right?

72,

John

@~~~

@ John Elder, Ko6TS  
@ PHROG (Pagan Ham Radio Operators' Guild)  
@ Box 232, El Segundo, CA 90245  
@ What kind of pictures would you have to take to blackmail Madonna?

-----  
Date: Sun, 27 Jul 1997 14:34:25 -0700  
From: Neil Heckt <neil@aade.com>  
To: qrp-l@Lehigh.EDU  
Subject: [23812] Quick and easy front panels

Message-ID: <33DBBEE1.7189@aade.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I've posted an application note on my URL below on how to make your own front panels quick and easy.

--

Neil

Homebrew Heaven at <http://www.aade.com>  
Home of L/C Meter IIB and Digital Frequency Display  
Links to sites of interest to Engineers, Amateurs and hobbyists  
interested in Circuit Design and construction.  
Almost All Digital Electronics  
1412 Elm St. SE  
Auburn, WA 98092  
253-351-9316

-----  
Date: Sun, 27 Jul 1997 15:03:21 -0800  
From: Brad@axionet.com, Laurel and Vaughn Britton <britton@axionet.com>  
To: qrp-l@Lehigh.EDU  
Subject: [23813] FW: Whiterook paddles  
Message-ID: <199707272203.PAA14789@axionet.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="us-ascii"  
Content-transfer-encoding: 7bit

-----  
From: Brad, Laurel and Vaughn Britton <britton@axionet.com>  
To: QRP-L@Lehigh.EDU  
Subject: Whiterook paddles  
Date: Sun, 27 Jul 1997 14:12:29 -0800

I am looking for feedback from anyone who is using these inexpensive paddles and how they like them. They look interesting and fun (also cheap) . Both negative and psotive feedback would be appreciated. Either post or email:  
[britton@axionet.com](mailto:britton@axionet.com)

tx es 72  
Brad Britton VE7IRS

-----  
Date: Sun, 27 Jul 1997 18:16:32 -0400 (EDT)  
From: aa8yo@tir.com (aa8yo)  
To: qrp-l@Lehigh.EDU  
Subject: [23814] MFJ qrp rigs  
Message-ID: <199707272216.SAA09383@tir.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Anyone out there have one of those MFJ qrp rigs. I was just curious how they compare to a lot of the kits that so many of you have built and used through the years. I do have a 40 meter version, and am quite pleased with it - although I do not have any other qrp rig to compare it with. I would be interested in your thoughts, and if you know of any mods that would enhance the overall performance of these rigs. By the way, I just ordered an EMTECH HW30, and look forward to building my first kit.....

Thanks es 73,

Bob / aa8yo@tir.com  
FISTS #3056 qrp-l #1174

-----  
Date: Sun, 27 Jul 1997 15:47:30 -0700  
From: Jeff Grudin <grudin@pacific.vdbs.com>  
To: qrp-l@Lehigh.EDU  
Subject: [23815] Re: Can anyone explain this - New findings  
Message-ID: <33DBD002.30A1@vdbs.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks everyone for the great ideas.

Well you folks gave me some good directions to go. Most comments were about harmonics being the cause. I put it back on the scope and found that the trace was a nice clean sine wave. Probably not harmonics?

Then I decided to check the frequency on the scope 8.33Mhz!!!

That can't be right. I tried using the autec as an external trigger for the scope and looking for the frequency of the zero beat, 8.41Mhz. Then I remembered an old external frequency display my dad had. Sure enough it has a freq counter mode. Hooked it up and 8.41Mhz out of the antenna.

I tried tuning around on TC2 and the frequency could be changed some but at the expense of the clean looking sine wave and could not get it up to 10.1Mhz.

This is now way beyond my electronics abilities (although I have learned alot so far, that is what this is about isn't it!)

Any new Ideas? Thanks.

--

73 de Jeff AC6KW  
grudin@vdbbs.com

---

QRP-L #16	Private Practice : Companion Animals and
Exotics	
Norcal QRP #1292	Ocean Animal Clinic / Cat Clinic of Santa
Cruz	
	Santa Cruz,
California	

QRP'ers do it with less energy (but lot's of enthusiasm)!

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Date: Sun, 27 Jul 1997 18:50:23 -0400  
From: "William H. Perkins" <hperkins@earthlink.net>  
To: QRP-L@Lehigh.EDU  
Subject: [23816] PALOMAR TX 50 Broadband 3-30 MHZ Amplifier  
Message-ID: <33DBD0AF.2AB@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

I have one of the above amplifiers I bought at a hamfest years ago. The ham I bought it from said it gave him about 30/35 watts out using his CB rig. Anyone know anything about this? Schematics anyone?

Thanks,

Henry, AE4MX

Raleigh, NC

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MZ

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Date: Sun, 27 Jul 1997 19:29:39 +0100  
From: "Frank, G3YCC." <g3ycc@gqrpclub.demon.co.uk>  
To: qrp-l@Lehigh.EDU, gqrp-l@blacksheep.org  
Subject: [23817] More from SM0VPO  
Message-ID: <NSp0HGAT052zEwV\$@gqrpclub.demon.co.uk>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit  
Content-Type: text/plain; charset=iso-8859-1

For your info:

Hi all,

Due to the large number of visitors to my homepage I have now put another 'mirror' page on the net. The URLs are:

<http://user.tninet.se/~acz732k/>  
<http://hem2.passagen.se/sm0vpo>

This week I have added an SSB AF filter that improved the receive quality of simple receivers, such as Direct Conversion, FT101B, etc.

The page is still growing and more projects will be added in the forthcoming week.

Have fun with QRP (and QRO)/homebrew de Harry, SM0VPO, Upplands Vsby.

Frank, G3YCC GQRP Club 042  
Packet: G3YCC@GB7HUL  
QRP Web Page: <http://www.gqrpclub.demon.co.uk>

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End of QRP-L Digest 800

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